PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER					
			see Form PCT/ISA/220 Il as, where applicable, item 5 below.			
ternational application No. International filing date (day/month/year) (Earliest) Priority Date (day/month/year)						
	(======================================					
PCT/GB2004/002849	01/07/2004 02/07/2003					
Applicant			·			
BIOFOCUS DISCOVERY LIMITEI	1					
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This International Search Report has beer according to Article 18. A copy is being tra	n prepared by this International Sear Insmitted to the International Bureau	ching Auth	ority and is transmitted to the applicant			
This International Search Report consists	of a total ofshe	ets.				
X It is also accompanied by	a copy of each prior art document ci	ted in this	report.			
Basis of the report			,			
a. With regard to the language, the i	nternational search was carried out	on the bas	is of the international application in the			
language in which it was filed, unle	ess otherwise indicated under this ite	em.				
The international sthis Authority (Rul	search was carried out on the basis e 23.1(b)).	of a transla	ation of the international application furnished to			
	, ,,	disclosed	in the international application, see Box No. I.			
	·		,			
2. Certain claims were four	nd unsearchable (See Box II).					
3. Unity of invention is lack	ki ng (see Box III).		·			
A MAPA						
 With regard to the title, the text is approved as sul 	hmitted by the applicant					
=	ned by this Authority to read as follow	ws.				
PYRAZINE AND PYRIDINE	· ·		NHIBITORS			
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5. With regard to the abstract,						
the text is approved as sub						
the text has been establish may, within one month from	ied, according to Rule 38.2(b), by the name of mailing of this internation	is Authorit onal searc	y as it appears in Box No. IV. The applicant h report, submit comments to this Authority.			
			•			
6. With regard to the drawings,		_	•			
a. the figure of the drawings to be pu		lo				
as suggested by the	ne applicant. Authority, because the applicant fa	ilad to oue	post a figure			
	Authority, because the applicant ra					
	published with the abstract.					

International application No.

PCT/GB2004/002849

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The present invention relates to a compound and a group of compounds of formla I and II

with the definitions of R -R according to claim 1 which are inhibitors of Rho kinase (ROK, ROCK). In addition, the invention relates to methods of treatment and use of the compounds in the manufacture of a medicament for application to a number of therapeutic indications including cardiovascular disease (coronary vasospasm, hypertensive disease, arteriosclerosis), stroke, cancer, erectile dysfunction, asthma, osteoporosis, glaucoma and AIDS. The compounds can be used in screening programmes against protein kinases. The invention also provides methods for making compounds and libraries that include these compounds.

International Application No

PCT/GB2004/002849 A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D405/14 C07D409/14 C07D213/74 C07D241/20 CO7D401/14 C07D401/12 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07D Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, BEILSTEIN Data, WPI Data, CHEM ABS Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. WO 01/17995 A (HUNGATE RANDALL W ; Х 1 BILODEAU MARK T (US); MANLEY PETER J (US); MERCK &) 15 March 2001 (2001-03-15) Α the whole document 2-20 WO 02/24681 A (ORTHO MCNEIL PHARM INC) 28 March 2002 (2002-03-28) Χ . 1 the whole document 2-20 Χ Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 72 6, 01. ns 17 December 2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

Von Daacke, A

International Application No
PCT/GB2004/002849

	PC1/GB2004/002849
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International Application No
PCT/GB2004/002849

		PC1/GB200	
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International application No. PCT/GB2004/002849

INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 18 and 19 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: .
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Although claims 18 and 19 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1(part),2,3,6-20(part)

Compounds of formula (I) and related claims

2. claims: 1(part), 4, 5, 6-20(part)

Compounds of Formula (II) and related claims

Information on patent family members

International Application No
PCT/GB2004/002849

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